

Work Order ID 100094

100094

Page 1

Thursday, April 18, 2013 8:41:48 AM

Item ID: D4063-1

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Hose

10

Stop *NS2*

Start Date: 4/18/2013 Start Qty: 6.00

8

Cust Item ID:

Required Date: 4/26/2013 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals: Process Plan: *mf*

Date: *3-4-18*

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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D4063	A
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100		0.00
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100

Purchasing

Memo

0.00

Purchasing

Issue P/O: *19418*
Purchase part as per Dwg D4063
Part #: 193-6
***ATTN: ORDER IN UNITS-
EX. IF W/O IS FOR 6 INDICATE ON PO
6 PCS OF ~~1~~ **** *24"*
Possible Supplier: Stratoflex
Material release note required

13-04-18

102	Receive & Inspect for Damage & Mat'l Certs	0.00
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102

Packaging

Memo

0.00

Packaging

13/4/19 (10)

QC6

27

13423

10

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
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<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 100094

100094

Page 2

Thursday, April 18, 2013 8:41:48 AM

Item ID: D4063-1

Accept

N9000040100

Setup Start

NS1

Revision ID:

Item Name: Hose

Stop *NS2*

Start Date: 4/18/2013 Start Qty: 6.00

6

Cust Item ID:

Required Date: 4/26/2013 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

105

0.00

105

Small Fab

Memo

0.00

Small Fab

CUT TO LENGHT AS PER DWG

10 ϕ FF 13-04-29

107

0.00

107

QC

QC5- Inspect part completeness to step on W/O

Memo

0.00

Quality Control

DAS 21 134.30

10

120

0.00

120

QC

QC6- Inspect dimensions to drawing

Memo

0.00

Quality Control

N/A

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube <input type="checkbox"/></td> <td style="width:15%;">Crosstube <input type="checkbox"/></td> <td style="width:15%;">Water Jet <input type="checkbox"/></td> <td style="width:15%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 100094

Thursday, April 18, 2013 8:41:48 AM

100094

Page 3

Item ID: D4063-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Hose

Start Date: 4/18/2013 Start Qty: 6.00

6

Cust Item ID:

Required Date: 4/26/2013 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: _____

0.00

130

Packaging

Memo

55201B

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

13-05-21

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabelled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Picklist Print

Thursday, April 18, 2013 8:41:48 AM

Page 1

Work Order ID: 100094

Parent Item: D4063-1

Parent Item Name: Hose

Start Date: 4/18/2013

Required Date: 4/26/2013

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP rev A 10.02.02 new issue Prelim EC verified by: DD IPP Rev:B 10.05.17 as per ECN10-562 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
193-6 Stratoflex		Purchased	No				each.	0.0000		10			

143/4/14 (W)

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube <input type="checkbox"/></td> <td style="width:15%;">Crosstube <input type="checkbox"/></td> <td style="width:15%;">Water Jet <input type="checkbox"/></td> <td style="width:15%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

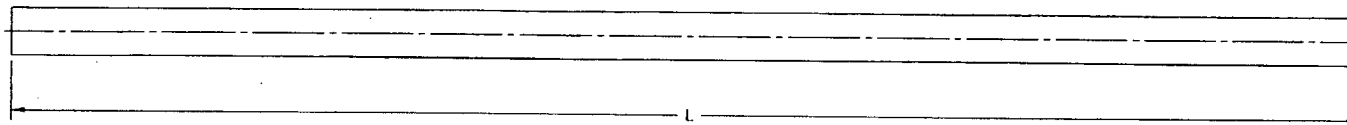
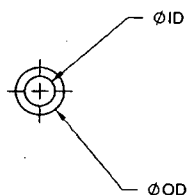
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4063-1	193-6
D4063-3	193-8

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	MATERIAL SPEC	LENGTH	INSIDE \varnothing NOMINAL "ID"	OUTSIDE \varnothing NOMINAL "OD"
D4063-1	AVIALL	193-6	SEAMLESS BUNA-N	MIL-H-5593	17.0	0.38	0.60
D4063-3	AVIALL	193-8	SEAMLESS BUNA-N	MIL-H-5593	24.0	0.50	0.75

D4063-X VENT HOSE

RELEASED
2010-05-05
NM

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4063-1/-3" AND B/N USING WHITE FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.11 lbs

A	NEW ISSUE	10.02.05
REV.	DESCRIPTION	BY DATE
DESIGN		
DRAWN		
CHECKED		
MFG. APPR.		
APPROVED		
DE APPR.		
DATE	10.02.05	

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4063	REV. A
TITLE VENT HOSE	SHEET 1 OF 1
SCALE NTS	

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NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION <div style="display: flex; justify-content: space-around;"> <div style="text-align: right;"> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/> </div> <div style="text-align: right;"> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div style="text-align: right;"> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div style="text-align: right;"> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div style="text-align: right;"> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>									
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
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Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO19618**

Purchase Order Date 4/18/2013

PO Print Date 4/18/2013

Page Number 1 of 2

Order From :

VU-AVI003

AVIALL
PO BOX 842275

DALLAS, TX 75284-2275
USA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

905-676-1695

905-676-9046

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Brigitte Golden

10127-2607

Net 30

USD

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	193-6	Stratoflex	4/25/2013 Yes	10.00 <i>each</i>	FedEx PI collect	\$6.0800	\$60.80
		Special Inst:	10 pcs of 24"	<i>B 100094</i>			
2	193-8	Stratoflex	4/25/2013 Yes	10.00 <i>each</i>	FedEx PI collect	\$10.4200	\$104.20
		Special Inst:	10 PCS OF 24"				
3	156003-6D0102	Hose Assembly	4/25/2013 Yes	10.00 Each	FedEx PI collect	\$125.1900	\$1,251.90
		Special Inst:	PER DWG: D4002 REV: D B100089				
4	156005-6D0213	Hose Assembly	4/25/2013 Yes	10.00 Each	FedEx PI collect	\$144.5300	\$1,445.30

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 3

Change Date: 4/18/2013



INVOICE



SHIPMENT NBR: 7870925

PAGE: 1
DATE: 04/18/13
TIME: 18:32
EMP#: 22611

CUSTOMER P.O.: 19618

ORDER NUMBER: 0013415252- 7870925

ORDER DATE: 04/18/13

SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG
CURRENCY: USDB 032028
I
L DART AEROSPACE LTD
L 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS
H
I DART AEROSPACE LTD
P 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS 08200
H
I AVIALL CENTRAL WAREHOUSE
P 2750 REGENT BLVD.
F DFW AIRPORT TX 75261-9048
R U.S.A.
O
M

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
PLEASE SHIP FEDEX P1 ON CUSTOMER ACCOUNT NUMBER 1517-9324-0, AWB# MUST REFERENCE THE PURCHASE ORDER NUMBER, SHIP TO THE ATTN OF CHANTAL 613-632-9577								
1	10	193-6 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2		0 FT	3.04	6.08
2	10	193-6 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2		0 FT	3.04	6.08
3	10	193-6 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2		0 FT	3.04	6.08

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AV18 R5-06

JR Hofmann, Director, Quality Assurance & Training

04/18/13

Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED
MERCHANDISE SUBJECT TO HANDLING FEE.THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS
OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER ORIGINAL



INVOICE



SHIPMENT NBR: 7870925

PAGE: 2
DATE: 04/18/13
TIME: 18:32
EMP#: 22611

CUSTOMER P.O.: 19618

ORDER NUMBER: 0013415252- 7870925

ORDER DATE: 04/18/13

SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG
CURRENCY: USDB 032028
I
L DART AEROSPACE LTD
L 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS
H
I DART AEROSPACE LTD
P 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS 08200
H
I AVIALL CENTRAL WAREHOUSE
P 2750 REGENT BLVD.
F DFW AIRPORT TX 75261-9048
R U.S.A.
O M

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
4	10	193-6 HOSE: LOW PRESSURE, RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2	✓	0 FT	3.04	6.08
					ECCN: 9A991.d			
5	10	193-6 HOSE: LOW PRESSURE, RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2	✓	0 FT	3.04	6.08
					ECCN: 9A991.d			
6	10	193-6 HOSE: LOW PRESSURE, RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2	✓	0 FT	3.04	6.08
					ECCN: 9A991.d			
7	10	193-8 HOSE: LOW PRESSURE, RUBBER Schedule B: 4009.31.0000 LOT 0413640141 IN	2	2		0 FT	5.21	10.42
					ECCN: 9A991.d			

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AV18 R5-06

JR Hofmann, Director, Quality Assurance & Training

04/18/13

Date

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CUSTOMER ORIGINAL



INVOICE

PAGE: 1
DATE: 04/18/13
TIME: 20:55
EMP#: 22611

CUSTOMER P.O.: 19618

SHIPMENT NBR: 7871212

ORDER NUMBER: 0013415716- 7871212

SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG
CURRENCY: USD

ORDER DATE: 04/18/13

B 032028
I
L DART AEROSPACE LTD
L 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS
H
I DART AEROSPACE LTD
P 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS 08200
H
I AVIALL CENTRAL WAREHOUSE
P 2750 REGENT BLVD.
F DFW AIRPORT TX 75261-9048
R U.S.A.
O M

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
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PLEASE SHIP FEDEX P1 ON CUSTOMER ACCOUNT
NUMBER 1517-9324-0, AWB# MUST REFERENCE
THE PURCHASE ORDER NUMBER, SHIP TO THE
ATTN OF CHANTAL 613-632-9577

1	10	193-6 HOSE: LOW PRESSURE, RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2 ✓		0 FT	3.04	6.08
2	10	193-6 HOSE: LOW PRESSURE, RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2 ✓		0 FT	3.04	6.08
3	10	193-6 HOSE: LOW PRESSURE, RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2 ✓ 34		0 FT	3.04	6.08

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JR Hofmann

JR Hofmann, Director, Quality Assurance & Training

04/18/13

Date

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PAGE: 2
DATE: 04/18/13
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CUSTOMER P.O.: 19618

ORDER NUMBER: 0013415716- 7871212

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SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG
CURRENCY: USDB I L L T O
032028
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADAS H I P T O
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADAS H I P F R O M
08200
AVIALL CENTRAL WAREHOUSE
2750 REGENT BLVD.
DFW AIRPORT TX 75261-9048
U.S.A.

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
4	10	193-6 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2		0 FT	3.04	6.08
5	10	193-8 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 0413640101 IN Country of Origin: U.S.A.	2	2		0 FT	5.21	10.42
6	10	193-8 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 0413640101 IN Country of Origin: U.S.A.	2	2		0 FT	5.21	10.42
7	10	193-8 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 0413640101 IN	2	2		0 FT	5.21	10.42

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